

Abstract

A granulator device (1) for the treatment of powdered products comprises at least one closed container (2) forming a chamber (3) for treatment of the products; filter elements (4, 5) projecting into the treatment chamber (3), the filter elements (4, 5) comprising at least one multi-layer filtering wall (5) through which at least one fluid current can pass; and powder removing parts (6; 7, 8, 9, 10, 11) designed to diffuse at least one service fluid directed towards the filtering wall (5); the powder removing parts (6; 7, 8, 9, 10, 11) comprising at least a first arm (10) mobile relative to the filtering wall (5) and fitted with a set of first diffuser nozzles (7), the set of first nozzles (7) being positioned on the first arm (10) in such a way that it gradually covers the length of the surface of the filtering wall (5), as the arm (10) moves, diffusing the service fluid so as to free the filtering wall (5) of the powders trapped in it.